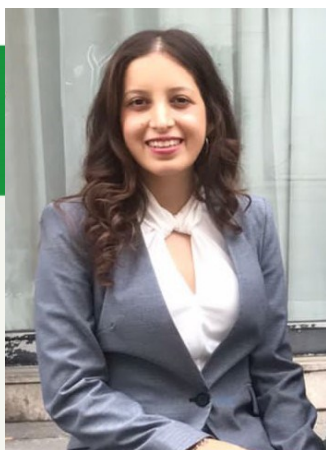


Diana Escobar Jaramillo



KEY-WORDS:

· FADN · Circularity Indicators · Farm typology

PROFILE

I am an Economist specialized in Agricultural Economics, with a double Master's degree in Agricultural, Food and Environmental Policy Analysis (AFEPA). Currently first-year PhD candidate in Agrisystem.

AFFILIATION

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LANGUAGES



Mother language



Level C1



Level B2



Level A2

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PROJECT TITLE

Developing circularity indicators in the agricultural sector - An application to Italian Agriculture using micro data

Steps of the research

- Building a farm typology to identify the main farm systems, considering circularity strategies, and farms' characteristics.
- Identification of circularity indicators that can be constructed with FADN data and with farmers surveys.
- Calculation of circularity indicators and comparison between farm types by Fixed Effects dynamic models.

Main Results

Circularity indicators developed from FADN data, to provide standardized information about farms at EU level.

Research Contribution

This study may ease benefitting from the progress of circularity practices for agriculture, by identifying the heterogeneity in performance between farm types and among farm types, changes in the indicators over time and space, and influence of major CAP changes.

I will provide FADN managers a list of missing variables in the FADN dataset to develop proper circularity indicators, that could be useful to build the FSDN.

Collaborations

Confagricoltura

Why should you care?

The circular economy promises a cleaner, more competitive and sustainable producing Europe, by optimizing the use of materials and resources, and minimizing the generation of waste. However, there is no consensus about a measure to evaluate the impacts of circular economy in the agricultural sector, where its application is strategic given the high consumption of water and nutrients.